

What is claimed is:

1. A method for identifying cells in a path in a flowchart, the method comprising:
 - (a) displaying a flowchart comprising a plurality of cells;
 - (b) selecting a cell in the flowchart;
 - (c) determining a path comprising the selected cell; and
 - (d) identifying at least some of the cells in the path.
2. The invention of Claim 1, wherein (c) comprises determining a last selected path comprising the selected cell.
3. The invention of Claim 1, wherein (c) comprises determining a most-frequently selected path comprising the selected cell.
4. The invention of Claim 1, wherein (c) comprises randomly determining a path comprising the selected cell.
5. The invention of Claim 1, wherein (c) comprises semi-randomly determining a path comprising the selected cell.
6. The invention of Claim 1, wherein the flowchart comprises a beginning cell and an end cell, and wherein the path determined in (c) comprises the beginning and end cells.
7. The invention of Claim 1, wherein the flowchart comprises a beginning cell and an end cell, and wherein the path determined in (c) does not comprise at least one of the beginning and end cells.

8. The invention of Claim 1, wherein the path determined in (c) comprises at least one of a beginning cell and an end cell, and wherein the at least some of the cells identified in (d) comprise the at least one of the beginning and end cells.

5 9. The invention of Claim 1, wherein the path determined in (c) comprises at least one of a beginning cell and an end cell, and wherein the at least some of the cells identified in (d) do not comprise the at least one of the beginning and end cells.

10 10. The invention of Claim 1, wherein the at least some of the cells are identified in (d) by displaying the at least some of the cells differently from other cells in the flowchart.

11. The invention of Claim 1, wherein the flowchart is displayed in a first display region, and wherein the at least some of the cells are identified in (d) by displaying a textual view of the at least some of the cells in a second display region.

12. The invention of Claim 1, wherein the flowchart is displayed in a first display region, and wherein the at least some of the cells are identified in (d) by displaying a copy of the at least some of the cells in a second display region.

20 13. The invention of Claim 1, wherein (d) comprises identifying at least four cells in the path.

25 14. The invention of Claim 1, wherein (d) comprises identifying all of the cells in the path.

15. The invention of Claim 1, wherein the at least some of the cells are identified in (d) by highlighting the at least some of the cells in the flowchart.

16. The invention of Claim 1, wherein the at least some of the cells are identified in
(d) by enlarging the at least some of the cells in the flowchart.

5 17. The invention of Claim 1, wherein the at least some of the cells are identified in
(d) by enlarging the at least some of the cells in the flowchart and reducing the other cells
in the flowchart.

10 18. The invention of Claim 1, wherein the at least some of the cells are identified in
(d) by enlarging and aligning the at least some of the cells in the flowchart.

15 19. The invention of Claim 1, wherein (b) comprises selecting only a single cell in the
flowchart.

20. The invention of Claim 1 further comprising selecting at least one additional cell
in the flowchart, and wherein (c) comprises determining a path comprising the selected
cell and the at least one additional cell.

21. The invention of Claim 20, wherein the selected cell comprises a master cell, and
wherein (c) comprises determining a path between the master cell and the at least one
additional cell.

25 22. The invention of Claim 1 further comprising:
determining N additional path(s) comprising the selected cell; and
identifying at least some of the cells in each of the N additional path(s).

23. The invention of Claim 22, wherein the first-mentioned path and the N additional
path(s) comprise the last N+1 selected paths comprising the selected cell.

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24. The invention of Claim 1 further comprising:

- (e) selecting an additional cell in the flowchart;
- (f) determining a path comprising the selected additional cell; and
- (g) identifying at least some of the cells in the path determined in (f) along with the at least some of the cells in the path determined in (d).

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25. The invention of Claim 1, wherein (c) comprises determining a plurality of paths comprising the selected cell, wherein the invention further comprises selecting one of the plurality of determined paths, and wherein (d) comprises identifying at least some of the cells in the selected one of the plurality of determined paths.

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26. The invention of Claim 25, wherein the plurality of paths comprises every path comprising the selected cell.

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27. The invention of Claim 1 further comprising displaying a textual view of cells that fan-in and fan-out of the selected cell.

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28. The invention of Claim 1, wherein at least one of the plurality of cells comprises an instruction to trigger a piece of media.

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29. The invention of Claim 1, wherein at least one of the plurality of cells comprises an instruction to gather user input.

30. The invention of Claim 1, wherein at least one of the plurality of cells comprises an instruction to process data.

31. The invention of Claim 1 further comprising playing the flowchart, wherein the cell selected in (b) comprises a cell selected by a user during the playing of the flowchart, and wherein the path determined in (c) comprises the path that was traversed during the playing of the flowchart.

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32. A method for synchronizing graphical and textual views of a flowchart, the method comprising:

- (a) displaying a graphical view of a flowchart comprising a plurality of cells in a first display region;
- (b) displaying a textual view of at least some cells in the flowchart in a second display region; and
- (c) in response to input received in either the first or second display regions, applying the input to both the first and second display regions.

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33. The invention of Claim 32, wherein the flowchart comprises a plurality of paths, wherein the textual view displays at least some of the cells in one of the plurality of paths, and wherein (c) comprises in response to input received along said one of the plurality of paths in either the first or second display regions, applying the input to both the first and second display regions.

34. The invention of Claim 33, wherein said one of the plurality of paths is determined from a selection of a cell in said one of the plurality of paths.

35. The invention of Claim 32, wherein the input comprises one of the following: editing a cell, adding a cell, deleting a cell, copying a cell, cutting a cell, pasting a cell, adding a link between cells, removing a link between cells, adding a branch, and deleting a branch.

36. The invention of Claim 32, wherein the input received in one of the display regions is applied to both display regions simultaneously.

5 37. The invention of Claim 32, wherein the input received in one of the display

regions is applied first to that display region and then to the other display region.

10 38. The invention of Claim 32, wherein the first and second display regions are displayed simultaneously.

39. The invention of Claim 32, wherein the first and second display regions are displayed at different times.

40. The invention of Claim 32, wherein at least one of the plurality of cells comprises an instruction to trigger a piece of media.

15 41. The invention of Claim 32, wherein at least one of the plurality of cells comprises an instruction to gather user input.

20 42. The invention of Claim 32, wherein at least one of the plurality of cells comprises an instruction to process data.

43. A method for editing a flowchart, the method comprising:

25 (a) displaying a graphical view of a flowchart comprising a plurality of cells in a first display region;

(b) displaying at least some cells along a path in the flowchart in a second display region; and

(c) in response to input received in either the first or second display regions, applying the input to both the first and second display regions.

44. The invention of Claim 43, wherein the second display region displays a textual view of the at least some cells.

5 45. The invention of Claim 43, wherein the second display region displays a graphical view of the at least some cells.

10 46. The invention of Claim 43, wherein the second display region is part of the first display region.

15 47. The invention of Claim 43 further comprising selecting a cell in the flowchart and determining the path from the selected cell.

20 48. The invention of Claim 43, wherein the input comprises one of the following: editing a cell, adding a cell, deleting a cell, copying a cell, cutting a cell, pasting a cell, adding a link between cells, removing a link between cells, adding a branch, and deleting a branch.

25 49. The invention of Claim 43, wherein the input received in one of the display regions is applied to both display regions simultaneously.

50. The invention of Claim 43, wherein the input received in one of the display regions is applied first to that display region and then to the other display region.

25 51. The invention of Claim 43, wherein the first and second display regions are displayed simultaneously.

52. The invention of Claim 43, wherein the first and second display regions are displayed at different times.

5 53. The invention of Claim 43, wherein at least one of the plurality of cells comprises an instruction to trigger a piece of media.

10 54. The invention of Claim 43, wherein at least one of the plurality of cells comprises an instruction to gather user input.

15 55. The invention of Claim 43, wherein at least one of the plurality of cells comprises an instruction to process data.

20 56. A method for synchronizing graphical and textual views of a flowchart, the method comprising:
(a) displaying a graphical view of a flowchart comprising a plurality of cells in a first display region;
(b) displaying a textual view of at least some cells in the flowchart in a second display region;
(c) displaying a third display region; and
(d) in response to input received in the third display region, applying the input to both the first and second display regions.

25 57. The invention of Claim 56, wherein the third display region displays at least one property of a cell in the flowchart.

58. The invention of Claim 56, wherein the input received in the third display region is applied to at least one of the first and second display regions simultaneously.

59. The invention of Claim 56, wherein the first, second, and third display regions are displayed simultaneously.

5 60. The invention of Claim 56, wherein at least one of the first, second, and third

display regions is displayed at a different time than the other display regions.

10 61. The invention of Claim 56, wherein at least one of the plurality of cells comprises an instruction to trigger a piece of media.

15 62. The invention of Claim 56, wherein at least one of the plurality of cells comprises an instruction to gather user input.

63. The invention of Claim 56, wherein at least one of the plurality of cells comprises an instruction to process data.

20 64. The invention of Claim 1, wherein (c) comprises determining a most-recently selected path comprising the selected cell.